Abstract:

Background: postural scoliosis is a common problem which affect the population specially female subjects. Back pain, and functional disabilities tend to show the common symptoms in scoliotic patients in addition to the cobb angle which is the main problem in scoliosis. Purpose of this study was to examine the efficacy of myofascial release (MFR) on patients with postural scoliosis. Subjects and Methods: Thirty female patients were assigned randomly in to 2 groups. Subjects in the control group (n = 15) received stretching and strengthening exercises of the back, and subjects in the experimental group (n = 15) received myofascial release and same exercises. The following parameters including pain severity, functional disability and back range of motion (flexion, extension, right side bending and left side bending) and cobb angle were measured before and after 6 weeks of treatment. Results: The results showed significant improvement in all parameters in experimental group compare with those at control group except cobb angle. Conclusion: on the basis of the present date, it is possible to conclude that MFR is effective as a method of treatment for postural scoliotic patients.

Key words
1. myofascial release.
2. postural scoliosis.
3. Scoliosis.

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